

536,481

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
17 June 2004 (17.06.2004)

PCT

(10) International Publication Number  
**WO 2004/051560 A2**

- (51) International Patent Classification<sup>7</sup>: **G06N** Scuola Internazionale Superiore di Stud, i Avanzati, Via Beirut, 2-4, I-34014 Trieste (IT).
- (21) International Application Number: PCT/IT2003/000317 (74) Agents: CAPASSO, Olga et al.; Desimone & Partners S.p.A., Via V. Bellini, 20, I-00198 Roma (IT).
- (22) International Filing Date: 23 May 2003 (23.05.2003) (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: RM2002A000604 29 November 2002 (29.11.2002) IT (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (*for all designated States except US*): S.I.S.S.A. SCUOLA INTERNAZIONALE SUPERIORE DI STUDI AVANZATI [IT/IT]; Via Beirut, 2-4, I-34014 Trieste (IT).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): RUARO, Maria, Elisabetta [IT/IT]; S.I.S.S.A. Scuola Internazionale Superiore di Stud, i Avanzati, Via Beirut, 2-4, I-34014 Trieste (IT). BONIFAZI, Paolo [IT/IT]; S.I.S.S.A. Scuola Internazionale Superiore di Stud, i Avanzati, Via Beirut, 2-4, I-34014 Trieste (IT). TORRE, Vincent [IT/IT]; S.I.S.S.A.
- Published:  
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND DEVICE FOR IMAGE PROCESSING AND LEARNING WITH NEURONAL CULTURES

(57) Abstract: It is disclosed a device for image processing and learning comprising at least a "multi electrode array" (MEA), over which an homogeneous culture of interconnected neurons, so that forming a cell network, is grown on, wherein said MEA is able to stimulate and record the electric activity of said neurons. Methods for image processing and learning utilizing the device are disclosed too.

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